Docket No. 1919/66766-AY-PCT-US/JPW/GJG7 B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 0 6 2002

Applicants: Francis G. Fang and Shiping Xie

Serial No.: 09/903,101

Filed : July 11, 2001

Title : METHOD FOR PREPARING CAMPTOTHECIN DERIVATIVES

1185 Avenue of the Americas New York, New York 10036

Group Art Unit:

Examiner: S. Wright

TECH CENTE

April 26, 2002

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with their duty of disclosure under 37 C.F.R. \$1.56, applicants would like to direct the Examiner's attention to the following documents which are listed on Form PTO-1449 (Exhibit A) and are also listed below.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. \$1.97(b)(3) before the mailing of a first Office Action on the merits. Thus, this Information Disclosure Statement should be entered and considered.

The above-identified application claims benefit under 35 U.S.C. \$120 of Serial No. 09/068,185, filed May 14, 1998, now U.S. Patent No. 6,143,891, which is a \$371 of PCT International Application No. PCT/US96/17574, filed November 1, 1996. Copies of the documents listed below as items 3, 4 and 7-11 have previously been submitted to, or cited by the U.S. Patent Office in connection with Serial No. 09/068,185. Therefore, in accordance with 37 C.F.R. \$1.98(d), copies of the previously submitted documents are not provided. Copies of the documents listed below as items 1, 2, 5, 6 and 12 are attached hereto as Exhibits 1-5.

COPY OF PAPERS

Applicants: Francis G. Fang and Shiping Xie

Serial No.: 09/903,101

Filed : July 11, 2001

Page 2

U.S. Patent No. 6,284,891, issued September 4, 2001, Fang et al. (Exhibit 1);

- U.S. Patent No. 6,143,891, issued November 7, 2000, Fang et 2. al. (Exhibit 2);
- PCT International Application WO 92/07856, published May 3. 14, 1992 (Exhibit 3);
- PCT International Application WO 93/16698, 4. published September 2, 1993 (Exhibit 4);
- 5. PCT International Application WO 93/25556, published December 23, 1993 (Exhibit 5);
- Hungarian Patent No. HU P 9403638, published November 28, 6. 1995 (Abstract only - equivalent to reference in Exhibit 5) (Exhibit 6);
- Hertzberg, R.P., (1989) "Modification of the Hydroxy 7. Lactone Ring in Camptothecin" J. Med. Chem. 32(3): 715-720 (Exhibit 7);
- Chemical Abstracts Registry Handbook Number Section 8. (1992) "See Compound with rn=143490-55-5" pp. (Exhibit 8);
- Sawada, S. et al., (1992) "Preparation of Camptothecin 9. Derivatives as Anti-tumor Agents" Chem. Abs. 117(17):882 (Exhibit 9);
- Fang, F.W. et al., (1994) "Catalytic Enantioselective 10.

MAY 0 6 2002

H CENTER 1600/2900

Applicants: Francis G. Fang and Shiping Xie

Serial No.: 09/903,101 Filed : July 11, 2001

Page 3

m;

Synthesis of 20(S)-Camptothecin: A Practical Application of the Sharpless Asymmetric Dihydroxylation Reaction" J. Org. Chem. 59(21):6142-6143 (Exhibit 10);

- 11. Krohn, K. et al., (1975) "Alkylierung Von Campothecin-Vorstufen" Chemische Berichte 108: 3030-3042 (Exhibit 11); and
- 12. Krohn, et al., (1975) <u>Chem. Abs.</u> Vol. 83, abstract 193573 (Exhibit 12).

Applicants request that the Examiner review the references and make them of record in the subject application.

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorney invites the Examiner to telephone him at the number provided below.

MAY 0 9 2002 MAY 0 6 2002 ECH CENTER 1600/ Applicants: Francis G. Fang and Shiping Xie

Serial No.: 09/903,101 Filed : July 11, 2001

Page 4

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is

required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:

Assistant Commissioner for Patents Washington, DC 20231.

John P. White Reg. No. /28,678

Reg. No. #28,678 Gary J. Gershik Reg. No. 39,992 John P. White Registration No. 28,678 Gary J. Gershik Registration No. 39,992 Attorneys for Applicants Cooper & Dunham LLP 1185 Avenue of the Americas New York, New York 10036 (212) 278-0400

COPY OF PAPERS ORIGINALLY FILED

MAY 0 6 2002

CENTER 1600/290